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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. NC 84,655

First Inventor Schuler

Title An ALGORITHMIC TECHNIQUE FOR INCREASING THE SPACIAL ACUITY OF A FOCAL PLANE ARRAY ELECTRO-OPTIC IMAGING SYSTEM

(Only for new non provisional applications under 37 CFR 1.53(b))

Express Mail Label No.

APPLICATION ELEMENTS  See MFEP chapter 600 concerning utility patent application contents.  ADDRESS TO: Assistant Commissioner for Patents of Washington, DC 20231  T. X Fee Transmittal Form (e.g., PTO/SB/17) (Submitte anyumbard adultation for the precause)  Applicant claims small entity status. See 37 CFR 1.27.  X Specification - Descriptive title of the Invention - Descriptive title of the Invention - Brief Summary of the Invention State Invention St							
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or a computer program listing appendix  Background of the Invention  Brief Summary of the Invention  Brief Description of the Drawings (if filed)  Detailed Description  Claim(s)  Abstract of the Disclosure  A Statement Sentifyling identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  37 CFR 3.73(b) Statement in Power of Attorney  Action of Declaration  Total Pages  9. Assignment Papers (cover sheet & document(s))  10. (gram assignment of Attorney)  Action of Declaration  Total Pages  9. Assignment Papers (cover sheet & document(s))  11. English Translation Document (if applicable)  12. Statement (IDs/PTO-1449  13. Paper  Copy from a sprior application (37 CFR 1.63 (d))  (for continualion/divisional with Box 18 completed)  14. Request and Certification under 5 U.S.C. 122  (Should be specifically itemized)  15. Certified Copy of Priority is claimed.  (Request and Certification under 35 U.S.C. 122  (If Total Pages  16. Request and Certification under 55 U.S.C. 122  (If Total Pages  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet. See 37 CFR 1, 76  Continuation Divisional Continuation-in-part (CIP)  Prior application Information  Examiner  For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under 8x5 b, is considered a part of the disclosure of the accompanying continuation or divisional application and in the problem of the disclosure of the accompanying continuation or divisional application and in the prior application parts.  19 Correspondence address below  20 Jan 1900 State DC  2	- Statement Reg	arding Fed sponsored R & D	•		1. CD-ROM or	· CD-R (2 cop	oies); or
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- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Claim(s) - Abstract of the Disclosure  4.	<ul> <li>Background of</li> </ul>	the Invention		с. Г	Statements verifying	ng identity of	above copies
- Detailed Description - Claim(s) - Abstract of the Disclosure  4.					CCOMPANYING A	APPLICAT	ION PARTS
- Claim(s) - Abstract of the Disclosure  - Attorney  - Brighish Translation Document (if applicable)  - Information Disclosure - Copy from a prior application (37 CFR 1.63 (d))  - DELETION OF INVENTOR(S) - Signed statement altached deleting inventor(s) - named in the prior application, see 37 CFR - 1.53(a)(2) and 1.33(b).  - Application Data Sheet. See 37 CFR 1.76  - B. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1, 76:  - Condituation Data Sheet under 37 CFR 1, 76: - Continual on Divisional Continuation-in-part (CIP) - Continual on Divisional Continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  - Code 1008.2  - Code 1008.2  - Country - Claim (when there is an assignee) - Attorney (attorney Agent) State - Country Us - Attorney (when there is an assignee) - Information Disclosure (when there is an assignee) - Claim (Insert Customy Capture) - Continuation Disclosure - Continuation of Preliminary Amendment - (when there is an assignee) - Continuation Disclosure - Continuation Disclosure - Continuation Disclosure - Continuation Cip (preliminary Amendment - Return Receipt Postcard (MPEP 503) - (Should be specifically itemized) - (Should be specifically itemize					<del>-</del>		
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b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  1. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1, 76: Continuation Divisional Continuation-in-part (CIP) Prior application Information: Examiner Group Art Unit. For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Sox 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19 CORRESPONDENCE ADDRESS  2 Customer Number or Bar Code Label (Insert Customy Code 1008.2)  Code 1008.2  City Washington State DC Zip Code 20375-5320  Country US Telephone 202-404-1552 Fax 202-404-7380  Name (Print/Type) John Karasek Registration No. (Attomey/Agent) 36,182 /	a. X Newly exec	cuted (original or copy)		13.	Preliminary Amend	lment	
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1.63(d)(2) and 1.33(b).  (b)(2)(13)(f). Applicant must attach form PTO/SB/35 or its equivalent.  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1, 76:  Continuation Divisional Continuation-part (CIP) of prior application No  Prior application information:  Examiner Group Art Unit.  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19 CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label (Insert Custome Aber code label here) or Correspondence address below  CUSTOMER NUMBER  Name Naval Research Laboratory, Code 1008.2  4555 Overlook Ave., S.W,  Code 1008.2  City Washington State DC Zip Code 20375-5320  Country US Telephone 202-404-1552 Fax 202-404-7380  Name (Print/Type) John Karasek Registration No. (Attomey/Agent) 36,182	named in	the prior application, see 37 CFR		16.			
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CUSTOMER NUMBER     Naval Research Laboratory, Code 1008.2     4555 Overlook Ave., S.W,     Address   Code 1008.2     City   Washington   State   DC   Zip Code   20375-5320     Country   US   Telephone   202-404-1552   Fax   202-404-7380     Name (Print/Type)   John J. Karasek   Registration No. (Attomey/Agent)   36,182 /		19 CORRESPO	ONDENC	E ADDF	RESS		
CUSTOMER NUMBER     Naval Research Laboratory, Code 1008.2     4555 Overlook Ave., S.W,     Address   Code 1008.2     City   Washington   State   DC   Zip Code   20375-5320     Country   US   Telephone   202-404-1552   Fax   202-404-7380     Name (Print/Type)   John J. Karasek   Registration No. (Attomey/Agent)   36,182 /	X 0	2525	. 4			Correspondent	a addrass halow
Name         Naval Research Laboratory, Code 1008.2           4555 Overlook Ave., S.W,           Address         Code 1008.2           City         Washington         State         DC         Zip Code 20375-5320           Country         US         Telephone 202-404-1552         Fax 202-404-7380           Name (Print/Type)         John J. Karasek         Registration No. (Attomey/Agent) 36,182 /	Customer Number of Bar C	(Insert Customer no) on the		e label here		Correspondence	e address below
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	Name (Print/Type)	John V. Karasek				//Agent) 36.	182 /
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Effective 0110112003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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Complete if Known					
Application Number	Not yet assigned				
Filing Date	March 11, 2004				
First Named Inventor	Schuler et al				
Examiner Name	Not yet assigned				
Art Unit	Not yet assigned				
Attorney Docket No.	NC 84,655				

МЕТН	OD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
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Deposit Account	Naval Research Laboratory	1052 50	2052 25 Surcharge - late provisional filing fee or cover sheet			
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	(s) indicated below Credit any overpayments	1812 2,520	1812 2,520 For filing a request for ex parte reexamination	_		
<del></del>	additional fee(s) during the pendency of this application	1804 920*	1804 920* Requesting publication of SIR prior to Examiner action			
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Fee Fee	<u>Fee Fee Fee Description</u> Fee Paid	1254 1480	2254 725 Extension for reply within fourth month			
` '	Code (\$) 2001 375 Utility filing fee	1255 2010	2255 985 Extension for reply within fifth month			
	2001 375 Clinky miling fee 770.00	1401 330	2401 160 Notice of Appeal			
	2003 260 Plant filing fee	1402 330	2402 160 Filing a brief in support of an appeal			
	2004 375 Reissue filing fee	1403 290	2403 140 Request for oral hearing			
1005 160	2005 80 Provisional filing fee	1451 1,510	1451 1,510 Petition to institute a public use proceeding			
	SUBTOTAL (1) (\$) 770.00	1452 110	2452 55 Petition to revive - unavoidable			
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1501 1,330	2501 650 Utility issue fee (or reissue)			
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		1503 640	2503 315 Plant issue fee			
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Large Entity Fee Fee	Small Entity Fee Fee Fee Description	1806 180	1806 180 Submission of information Disclosure Stmt	_		
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1202 18	2202 9 Claims in excess of 20	1809 770	2809 375 Filing a submission after final rejection			
1201 86	2201 42 Independent claims in excess of 3	4040 775	(37 CFR 1.129(a))			
1203 290	2203 140 Multiple dependent claim, if not paid	1810 770	2810 375 For each additional invention to be examined (37 CFR 1.129(b))			
1204 86	2204 42 Réissue independent claims over original patent	1801 770	2801 375 Request for Continued Examination (RCE)			
1205 18	2205 9 Reissue claims in excess of 20 and over original patent	1802 900	1802 900 Request for expedited examination of a design application			
	SUBTOTAL (2)	Other fee (sp	pecify)			
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SUBMITTED BY			(Complete (	if applicable)	
Name (PrintlType)	John J. Karasek	Registration No. (Atjamey/Agent) 36,182	Telephone	202-404-1552	
. Signature	Multone		Date	3/11/04	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.